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**Product Name: Phospho-HistoneH1.4(T17) Rabbit Monoclonal Antibody****Catalog #: AMRe83776**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ICC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 22 kDa ; Observed MW: 30 kDa

**Antigen Information**

<b>Gene Name</b>	Phospho-HistoneH1.4(T17)
<b>Alternative Names</b>	Histone H1b; Histone H1s-4;;p-Histone H1.4 (T17)
<b>Gene ID</b>	
<b>SwissProt ID</b>	P10412/P16402
<b>Immunogen</b>	A synthesized peptide derived from human Histone H1.4 around the phosphorylation site of T17

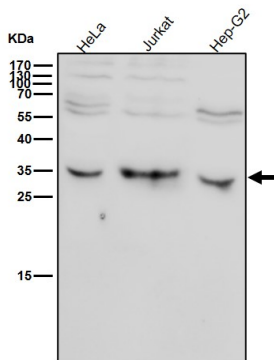
**Background**

Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin

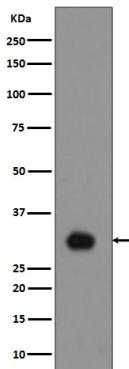
fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation.

## Research Area

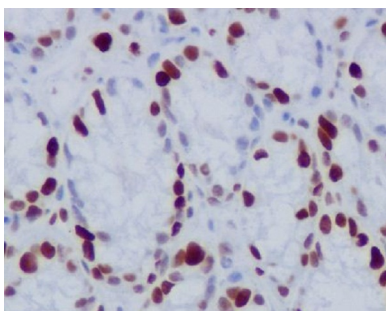
## Image Data



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Phospho-Histone H1.4 (T17) expression in Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse colon, using Phospho-Histone H1.4 (T17) Antibody.